To: KHanson@ldftribe.com[KHanson@ldftribe.com]
Cc: Dee.allen@ldftribe.com[Dee.allen@ldftribe.com]; Greenwater, Anthony[greenwater.anthony@epa.gov]; Manville, Jennifer[manville.jennifer@epa.gov]; Kamke, Sherry[Kamke.Sherry@epa.gov]
From: Egan, Robert
Sent: Wed 4/26/2017 7:51:52 PM
Subject: RE: well location write up

Sounds good. Thank you. I will accept the changes and send the text, map and guidance out soon. I will also add the word "surface" to the bedrock well descriptions.

Regarding the #3 location, I am OK with dropping the shallow well at the old location.

Bob Egan

Corrective Action Manager

Underground Storage Tanks Section

RCRA Branch

EPA Region 5

(312) 886-6212

(312) 692-2911 (fax)

From: Hanson, Kristen [mailto:KHanson@ldftribe.com]
Sent: Wednesday, April 26, 2017 2:35 PM
To: Egan, Robert <egan.robert@epa.gov>
Cc: Dee.allen@ldftribe.com; Greenwater, Anthony <greenwater.anthony@epa.gov>; Manville, Jennifer <manville.jennifer@epa.gov>
Subject: RE: well location write up

Bob,

Attached is the correct word file with tracked changes.

Regarding Bedrock Wells:

We understood all wells identified as bedrock wells to be on top of bedrock. The approximate elevations are only estimates based on our best understanding of bedrock elevation.

Kristen

From: Egan, Robert [mailto:egan.robert@epa.gov]
Sent: Wednesday, April 26, 2017 2:21 PM
To: Hanson, Kristen
Cc: Allen, Dee; Greenwater, Anthony; Manville, Jennifer
Subject: RE: well location write up

Thank you, Kristen.

I am on a conference call but in taking a quick look at your message I have a couple of questions-

I'm not sure I received the correct word file that you referenced in your message. Also, regarding the bedrock wells- do you mean that all these will be set at the surface of the bedrock or are you advocating for the one well at #6 to be placed into bedrock at some elevation below the surface of bedrock.

Thank you for clarifying.

Bob

Bob Egan

Corrective Action Manager

Underground Storage Tanks Section

RCRA Branch

EPA Region 5

(312) 886-6212

(312) 692-2911 (fax)

From: Hanson, Kristen [mailto:KHanson@ldftribe.com]
Sent: Wednesday, April 26, 2017 1:50 PM
To: Egan, Robert <egan.robert@epa.gov>
Cc: Dee.allen@ldftribe.com; Greenwater, Anthony <greenwater.anthony@epa.gov>; Manville, Jennifer <manville.jennifer@epa.gov>
Subject: RE: well location write up

Good Afternoon Bob,

Thank you for the well location write up, and well placement map.

A few comments are listed below. I also attached the guidance referenced in the text.

Email Question: #2 Location

In your email you asked about inclusion of the bedrock well. As written in the document you provided the location does include a bedrock well. Here is my understanding of the three wells at this location

1) WT well

2) Core of plume well- estimate 1545-1540

3) Bedrock Well – estimate 1525-1530- note: Our cross-sections suggests bedrock to be higher here, hence the 1525-1530 estimate.

Location #3-

Our proposal includes one shallow well at the old #3 location and the two listed wells at the moved #3 location. It appears EPA nixed the shallow well at the old #3 location. If that is the case, it's OK.

Location #4-

See tracked edits. As listed this well will not meet the 2nd half of the purpose statement

Location #6-

See tracked changes for a better description

Our proposal included two wells at this location. One as listed and a second at bedrock protective of the bedrock pumping well.

Kristen Hanson

Environmental Response Program Coordinator

Lac du Flambeau Tribal Natural Resource Department

Office: 715-588-4290

Cell : 715-614-4644

From: Egan, Robert [mailto:egan.robert@epa.gov]
Sent: Wednesday, April 26, 2017 11:09 AM
To: Hanson, Kristen
Cc: Kamke, Sherry; Greenwater, Anthony; Manville, Jennifer; Allen, Dee
Subject: well location write up

Hi Kristen,

Please review the attached. I have tried to consolidate the justifications for the recommended locations and remove any identifiers as to who has suggested certain locations. I also renumbered the list, so, Bristol's 1-4 remain 1-4, your #1 is now #5, your numbers 2 and 3 are now combined as #6, and your #4 has been combined with Bristol's #4. The one additional location suggested by EPA is now #7.

One question- For your #2 location- the last bullet in red suggests a bedrock well. Do you want to include that in the location or was that dropped after we combined your locations 2 and 3.

Chris Saari indicated that we can still have our call tomorrow if he receives this information this afternoon. I will work on a simple map showing locations next.

Can you provide a quick review so I can make any changes and get this to him soon or do we need to delay our call for another day?

Thank you.

Bob Egan

Corrective Action Manager

Underground Storage Tanks Section

RCRA Branch

EPA Region 5

(312) 886-6212

(312) 692-2911 (fax)